

Work Order ID 110477

110477

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December-20-13 9:18:09 AM

Item ID: D350-636-012

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Skidtube RH Aerazur / Apical Cylindrical Compat.

Start Date: 12/20/13 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 1/03/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-12-20 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2750-042	G								
D3492	C								

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

record fwd angle: 89.2°

Photocopy blue file and type labels per PPP D350-636-012 CHG 007

DAS

31

9-99

14-02-21

1

B110477RH

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Item ID: D350-636-012

Accept

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Revision ID:

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Start Date: 12/20/13 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 1/03/14 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

110

0.00

110

Skidtubes

Skidtubes

Memo

0.00

1- Pick D2600-3 Bent

2- Deburr FWD and AFT ends, remove bending marks. Scribe batch# inside AFT end per dwg D2750

3- Drill pilot holes for blade fitting bolt holes using DT8983. Open to 0.500", deburr.

4- Locate DT8329 off of blade fitting bolt holes and drill pilot holes for blade fitting

5- Drill only two fwd step holes using DT9616. Ensure proper positioning.

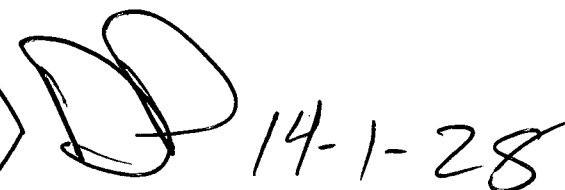
6- Drill pilot holes as per Dwg D2750 sheet 4 (D2750-2 details). Drill using drill Jig DT8150 & DT8863A for first side only DT8863B for second side (detail K)

7- Clecko DT8863B on second side of tube and drill pilot holes for detail B.
SECOND SIDE

8-Open up holes for Detail "K" to 0.375" (4 holes per side) and blade fitting location holes to 0.500" (total of 4 holes per side) as per dwg D2750. Open up holes for ground handling and detail L to 0.500" (8 holes per side)

9-Drill pilot holes for wearplates as per Dwg D2750 using DT8108 open to 0.297".

10-Open up holes of Detail J to 0.297" (total of 2 holes per side)



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 Start Date: 12/20/13 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 1/03/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

11-Weld D2744 Cap as per Dwg D2750 and QSI 004.Fill grooves in bend left
 from bending as per QSI 004

A/R Aluminum Rod batch: M127069

BE 14-01-29

12-Grind welds flush as per Dwg D2750

BE 14-01-29

120 QC10- Inspect visual per QSI004- ground welds 0.00

120

QC

Memo

0.00

Quality Control

① 14-01-29

DAS

9

9-89

130 QC5- Inspect part completeness to step on W/O 0.00

130

QC

Memo

0.00

Quality Control

① 14-01-29

DAS

9

9-89

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Quality Control

Re 14/01/29

14-29

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Cust Item ID:

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

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Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00

160

Skidtubes

Skidtubes

Memo

0.00

1-Open up holes of Detail L and ground handling to 0.625" (total of 8 holes per side) as per dwg D2750.

2-Open up holes of Detail K to 0.750" (total of 4 holes per side) as per dwg D2750.

3-Open float holes to .500" (4 per Side)

4-Chamfer holes of Detail K, L, ground handling and float holes per dwg D2750 (welding instructions on sheet 9)

5-Deburr and blow out all chips from inside of tube

6-Prepare tube for welding, remove alodine as required.

7-Bond web D2739 in place as per QSI 015

A/R Sikaflex-291 batch: 127097
exp. date: 14/02/16

8- Weld spacers D3490-1, D3490-3 and D2743 as per dwg D2750 & QSI004 (welding instructions on sheet 9)

A/R Aluminum Rod batch: m127009

9- At section AP-AP drill out x-bolt spacer to 0.404"

10-Grind welds flush as per Dwg D2750

11-Spot face ground handling holes section (total of 4 places per side) as per

DC 14/01/29

> BETH-06-30

> DBL 14-30

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Cust Item ID:

Required Date: 1/03/14 Req'd Qty: 1.00 *1*

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Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

dwg D2750

12-Deburr holes

DdL 14-1-30

170 QC10- Inspect visual per QSI004- ground welds 0.00

170

QC

Memo

0.00

Quality Control

① 14-01-31 DAS
9
9-89

180 QC5- Inspect part completeness to step on W/O 0.00

180

QC

Memo

0.00

Quality Control

VERIFY C'BOARD IS GOOD

① 14-01-31 DAS
9
9-89

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Item ID: D350-636-012 Accept ***N900040100*** Setup Start ***NS1***
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 Required Date: 1/03/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
190	Pressure Wash per QSI005 4.3	0.00				1	AK	14-2-13	
100	HandFinish	0.00							
Hand Finishing	Memo Re-alodine tube as per QSI 005 section 4.1.2.1 do not acid etch.								
200		0.00				1	C.R.	14-2-13	
200	SprayPaint	0.00							
Spray Painting	Memo 1- PRIME AS PER DWG AND QSI 005 4.2 PRIMER PRC DESOTO 515X349 BATCH: <u>126 543</u> 2- PAINT WHITE AS PER DWG AND QSI 005 4.2 PAINT BATCH: <u>128 609</u>								
210	QC14- Inspect Spray Paint	0.00				1			mtw 14.02.14
210	QC	0.00							
Quality Control	Memo Inspect for foreign object per QSI 024								

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Cust Item ID:

Required Date: 1/03/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

230

230

HandFinish

HandFinishing

0.00

Memo

0.00

Hand Finishing

1-Install inserts as per dwg D2750

2-Inspect for Foreign Objects

3-Install blade fitting D3488-042, wearshoes and ground handling hardware as per dwg D2750

SIKA FLEX 241

BATCH: 14127918EXP DATE: 14109

4-assemble o'ring to plug as per dwg D3492 and apply o'ring lube

A/R 55-o'ring lube batch: 14121651

5-Coat all exposed fasteners with "LPS Procyon"

batch: 14122900

1RM 6 14 1402 16

240

240

QC

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

Quality Control

smis
14/01/10

1

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Item ID: D350-636-012 Accept *N900040100* Setup Start *NS1*

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Start Date: 12/20/13 Start Qty: 1.00 *1*

Required Date: 1/03/14 Req'd Qty: 1.00 *1*

Reference: Cust Item ID: Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
250	Pick Kit	0.00							
250									
Packaging	Memo	0.00				1X	DAS 28 9-89	14-02-20	
Packaging									
260	QC4- 100% Inspect kits for completeness	0.00							
260									
QC	Memo	0.00							
Quality Control									
270	Packaging	0.00							
270									
Packaging	Memo	0.00							
Packaging	Package as per PPP D350-636-012								

DAS
31
9-89

14-02-21

1

072

DAS
6
9-89

14-2-24

DAS
28
9-89

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Required Date: 1/03/14 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
280	QC21- Final Inspection - Work Order Release	0.00							
280									
QC	Memo	0.00							
Quality Control									

14-02-27
14-02-27

Picklist Print

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Work Order ID: 110477

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Parent Item: D350-636-012

D350-636-012

Parent Item Name: Skidtube RH Aerazur / Apical Cylindrical Compat.

Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:102.09.25Rearranged procedure stepsKJ
 IPP Rev:J 06-03-29 As per Rev D EC IPP REV:K
 AS PER REV F JLM 13-08-22 VERIFIED BY:DD
 IPP Rev:K 06-07.13 As per dsi9343 EC
 IPP Rev:L 07-07-28 Added SS Wearplates(Rev E) JLM Verified By:EC
 IPP Rev:M 08-04-22 update steps 4,13 DD verified by:EC
 IPP Rev:N 08-09-23 revF as per dwg DD verified by:ec IPP Rev:O
 10.06.22 revise seq110 DD verf:EC IPP Rev:P 10.10.01 as
 per IIN revH DD verf:EC IPP REV:Q 13.08.27 PER ECN13-
 594 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2600-3-BENT		Manufactured	No			110	Each	5.0000	1				
D2600-3-BENT									**				
Extrusion Bent													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				LG002				5					
				109789				5					
D2744		Manufactured	No			110	Each	52.0000	1				
D2744									**				
Cap													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				LG001				52					
				100398				28					
				97543				24					
D2739		Manufactured	No			160	Each	11.0000	1				
D2739									**				
350 I Beam													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				LG002				11					
				109712				1					
				109973				10					

14-1-28

1

BE14-01-29

1

DC 14/01/29

1

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Parent Item: D350-636-012

D350-636-012

Parent Item Name: Skidtube RH Aerazur / Apical Cylindrical Compat.

Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

D2743

Manufactured No

160

Each

331.0000

8

8

D2743

Crossbolt Spacer

BE14-01-30

Location

Loc Qty

Loc Code

LG001

331

106245

9

107359

68

107907

122

109799

132

D3490-3

Manufactured No

160

Each

160.0000

4

4

D3490-3

Cross Bolt Spacer

BE14-01-30

Location

Loc Qty

Loc Code

LG001

160

103883

14

105603

3

107913

63

109933

80

D3490-1

Manufactured No

160

Each

225.0000

4

4

D3490-1

Cross Bolt Spacer

BE14-01-30

Location

Loc Qty

Loc Code

LG001

225

107419

57

109932

168

D3631-1

Manufactured No

230

Each

12.0000

8

8

D3631-1

Washer

#2 WELD TEST

11/02/18

Location

Loc Qty

Loc Code

FP001

12

107324

12

B110258

V6

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D350-636-012

Parent Item Name: Skidtube RH Aerazur / Apical Cylindrical Compat.

Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

D3791-1

Manufactured No

230

Each

3.0000

1

1

D3791-1

Wearpad

Location

Loc Qty

Loc Code

FP002

3

B109511

106144

3

D3793-3

Manufactured No

230

Each

11.0000

1

1

D3793-3

Wearplate Aft

Location

Loc Qty

Loc Code

FP001

11

B110066

104212

11

MS21043-6

Purchased No

230

Each

268.0000

4

4

MS21043-6

NUT

Location

Loc Qty

Loc Code

FG

20

103693

20

ST315

248

m127255

248

D3794-1

Manufactured No

230

Each

13.0000

1

1

D3794-1

Gasket Fwd

Location

Loc Qty

Loc Code

FP001

13

B110314

104620

1

108497

5

109207

7

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D350-636-012

Parent Item Name: Skidtube RH Aerazur / Apical Cylindrical Compat.

Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

NAS1611-010

Purchased

No

230

Each

45.0000

8

8

NAS1611-010

O-RING

**

11/02/13

Location

Loc Qty

Loc Code

FP001

45

M127813

VO

m126988

45

D2741

Manufactured

No

250

Each

39.0000

1

1

D2741

Blade

**

DAS
28
9-89

14-02-20

Location

Loc Qty

Loc Code

FG

11

DAS
31
9-89

100664

5

85480

1

98323

5

ST466

28

107206

28

IX

NAS1515H3L

Purchased

No

230

Each

54.0000

4

4

***NAS1515H3I ***

Washer

**

11/02/13

Location

Loc Qty

Loc Code

FG

40

102472

40

XV

ST297

14

124542

14

NAS1611-013

Purchased

No

230

Each

16.0000

8

8

NAS1611-013

O-RING

**

11/02/13

Location

Loc Qty

Loc Code

FP001

16

M127813

VO

125445

16

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1000

...and the

Figure 1. The four types of the *Phragmites* communities in the study area.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

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Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

MS21083C8

Purchased

No

250

Each

35.0000

2 2

MS21083C8

Nut

DAS
31
9-89

**

DAS
28
9-89

14-02-20

Location

Loc Qty

Loc Code

ST319

35

127813

m127255

35

NAS1149D0863J

Purchased

No

250

Each

991.0000

2 2

NAS1149D0863J

Washer

DAS
31
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

6

118078

6

ST293

185

125484

185

2x

ST510a

800

125268

600

125635

200

D3493-1

Manufactured

No

250

Each

245.0000

2 2

D3493-1

Washer

DAS
31
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

FG

10

97201

10

ST051

235

105613

16

107916

60

109105

159

2x

***ONLY INSTALL IF INSTALLING ON APICAL
FLOAT SYSTEM***

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Start Date: 12/20/13

Required Date: 1/03/14

Start Qty: 1.00

Required Qty: 1.00

AN8C21A

Purchased

No

250

Each

45.0000

2 2

AN8C21A

Bolt

DAS

26

9-89

14-02-20

DAS
31
9-89

Location

Loc Qty

Loc Code

ST

2

123966

2

ST505

43

m127061

43

2x

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QTY -041	QTY -042	QTY -043	QTY -044	PART NUMBER	DESCRIPTION
X				D2750-041	350 SKIDTUBE ASSEMBLY, LH
	X			D2750-042	350 SKIDTUBE ASSEMBLY, RH
		X		D2750-043	350 SKIDTUBE ASSEMBLY, LH
			X	D2750-044	350 SKIDTUBE ASSEMBLY, RH
1	1	1	1	D2739	WEB
8	8	8	8	D2743	SPACER
1	1	1	1	D2744	CAP
8	8	8	8	D2745	BUSHING
1				D2750-1	SKIDTUBE WELDMENT, LH
	1			D2750-2	SKIDTUBE WELDMENT, RH
		1		D2750-3	SKIDTUBE WELDMENT, LH
			1	D2750-4	SKIDTUBE WELDMENT, RH
1		1		D3488-041	BLADE FITTING, LH
	1		1	D3488-042	BLADE FITTING, RH
4	4	4	4	D3490-1	SPACER
4	4			D3490-3	SPACER
		4	4	D3490-5	SPACER
8	8	8	8	D3492-041	PLUG ASSEMBLY
8	8			D3492-043	PLUG ASSEMBLY
		8	8	D3492-045	PLUG ASSEMBLY
1	1	1	1	D3535-25	WEARSHOE
1	1	1	1	D3536-25	GASKET
3	3	3	3	D3537-1	WEARPAD
8	8	8	8	D3631-1	WASHER
1	1	1	1	D3791-1	WEARPLATE
1	1	1	1	D3793-1	WEARSHOE
1	1	1	1	D3793-3	WEARSHOE
1	1	1	1	D3794-1	GASKET
1	1	1	1	D3794-3	GASKET
38	38	38	38	ALS4-1032-225	INSERT (OR ALS7-1032-225, AKS4-1032-225, AELS-1032-225)
34	34	34	34	AN3C5A	BOLT
4	4	4	4	AN3C6A	BOLT
4	4	4	4	AN6C44A	BOLT
1	1	1	1	AN8C35A	BOLT
38	38	38	38	AN960C10L	WASHER
1	1	1	1	AN960C816L	WASHER
4	4	4	4	MS21043-6	NUT
1	1	1	1	MS21083C8	NUT
4	4	4	4	NAS1515H3L	WASHER

GENERAL NOTES:

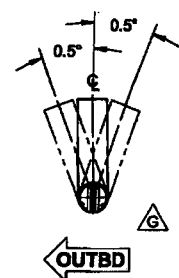
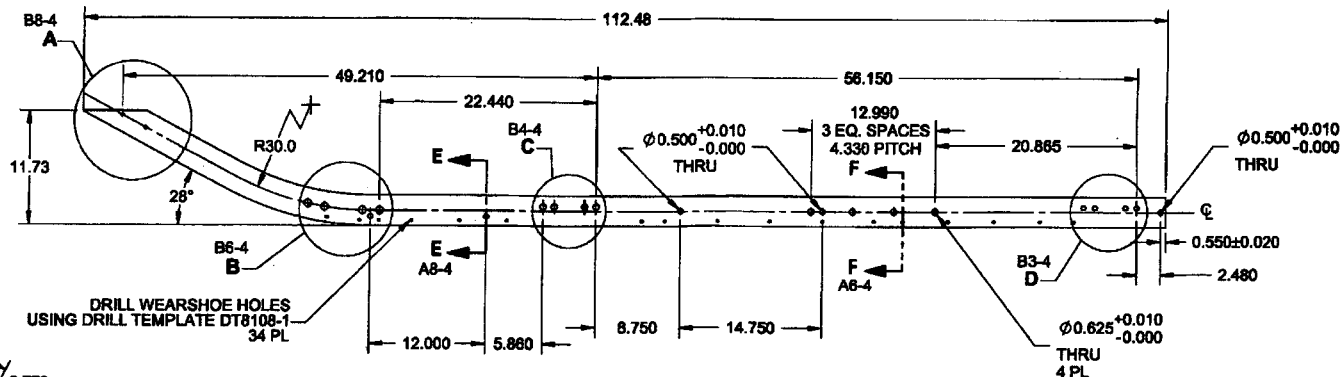
- MATERIAL: MAKE D2750-1/-2/-3/-4 FROM D2600-3 EXTRUSION (INITIAL LENGTH = 120.0).
- FINISH: ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1 PRIOR TO INSTALLING D2739 WEB.
STANDARD: PRIME (REF. 4.2.1.3.3) AND PAINT WHITE PER DART QSI 005 4.2
OPTIONAL: POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED TO 1.0 ABOVE SKIDTUBE CENTER-LINE PER DART 005 4.4 (OPTIONAL).
- TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- UNITS: INCHES UNLESS OTHERWISE NOTED
- BREAK SHARP EDGES: N/A
- IDENTIFICATION: N/A
- WEIGHT: D2750-041/-042/-043/-044 = 26.5 LBS
- WELD PER DART QSI 004
- INSTALL ALS4-1032-225 INSERTS AFTER FINISH AS INDICATED. DRILL 'F' SIZE HOLES ($\phi 0.297$) FOR WEARSHOE INSERTS
- FINAL CONFIGURATION SHOULD HAVE THE FOLLOWING MINIMUM MECHANICAL PROPERTIES:
MINIMUM YIELD TENSILE STRENGTH = 35 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
- COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF
FINISH WITH MEK DEGREASER.
- SPACER AND PLUG INSTALLED SAME AS SECTION AJ-AJ EXCEPT HORIZONTAL
- SPACER AND PLUG INSTALLED SAME AS SECTION AP-AP EXCEPT HORIZONTAL

110477 MJS
17-12-20

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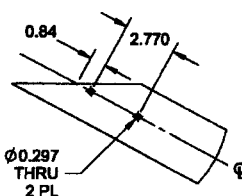
G	CORRECTED TOLERANCE ON Ø.500 THRU HOLE: IS $+0.010/-0.000$ WAS $+0.100/-0.000$ (ZN B3-4, B2-5); ADD VIEW TO CONTROL FWD BEND ORIENTATION (ZN D-1-4/-5/-6/-7); UPDATED FINISH OPTIONS; INSIDE OF TUBE NO LONGER SPRAYED WITH LPS-3. REASON: PAR13-276 AND NCR13-2757	MB	13.07.11
F	INCORPORATE DSI 8413; QTY (3) D3537-1 WAS QTY (5) (ZN C8-1); D3791-1/3 REPLACES D3535-13/35 (ZN C8-1); D3794-1/3 REPLACES D3536-13/35 (ZN B8-1); ADD D3781-1 (ZN C8-1); WEARSHOE HOLES UNDER FWD/AFT SADDLE REMOVED (8 PL). WEARSHOE HARDWARE QTY UPDATED (ZN B8-1); D3488-041/-042 HARDWARE UPDATED (ZN C1-8, 9, 10, 11); ADD NOTE 12 AND 13 (ZN A6-1); REASON: REF. NCR 08-043	PH	08.07.16
E	CHANGE TO STAINLESS STEEL WEARPLATES; ADD RUBBER GASKETS; CHANGE INSERTS; ADD D3631-1; REMOVE QTY (38) NAS1515H3L; REMOVE QTY (10) NAS1515H8L; REMOVE D2741, QTY (2) AN960C816; REMOVE QTY (2) MS21083C8	CB	07.05.17
D	ADD HOLES AND SPACERS FOR APICAL FLOATS; INCORPORATE DEO 9133/9157	PH	06.01.05
C	ADD D2750-3/D2750-4; INCORPORATE D2738 AND D2740	CP	98.11.18
B	CHANGE MS24694-S293 TO AN8-16A	CP	98.09.01
A	NEW ISSUE	DS	98.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN	MM		
DRAWN	13		
CHECKED	9/1		
MFG. APPR.	13		
APPROVED	13		
DE APPR.	13		
DATE	13.07.11		
DART AEROSPACE USA, INC. KENT, WA			
DRAWING NO. D2750		REV. G SHEET 1 OF 11	
TITLE 350 SKIDTUBE ASSEMBLY		SCALE NTS	
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8 7 6 5 4 3 2 1

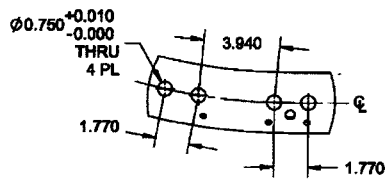


MAX ALLOWABLE
TWIST ON FWD BEND
(VIEWED LOOKING FWD)

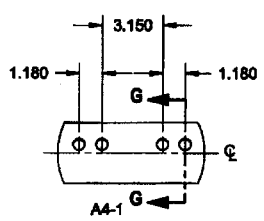
D2750-1 LH SKIDTUBE



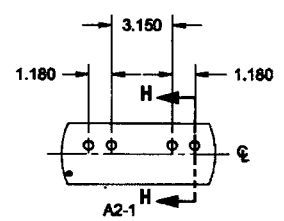
DETAIL A
SCALE 2X



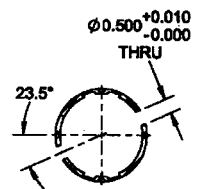
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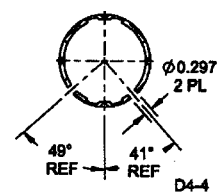
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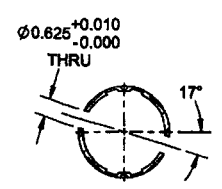
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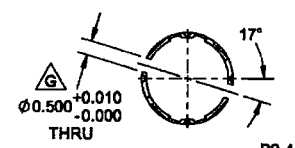
SECTION E-E
SCALE 3X, 2 PL



SECTION F-F
SCALE 3X, 17 PL



SECTION G-G
SCALE 3X, 4 PL

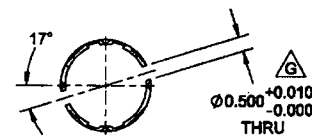
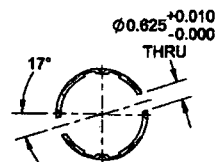
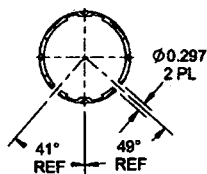
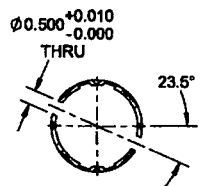
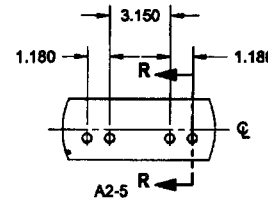
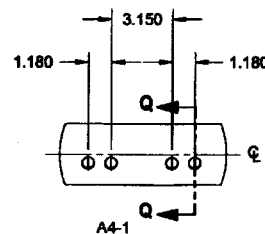
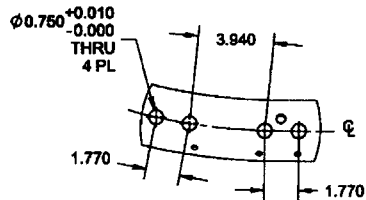
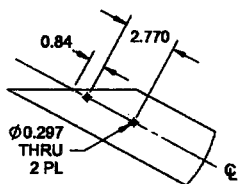
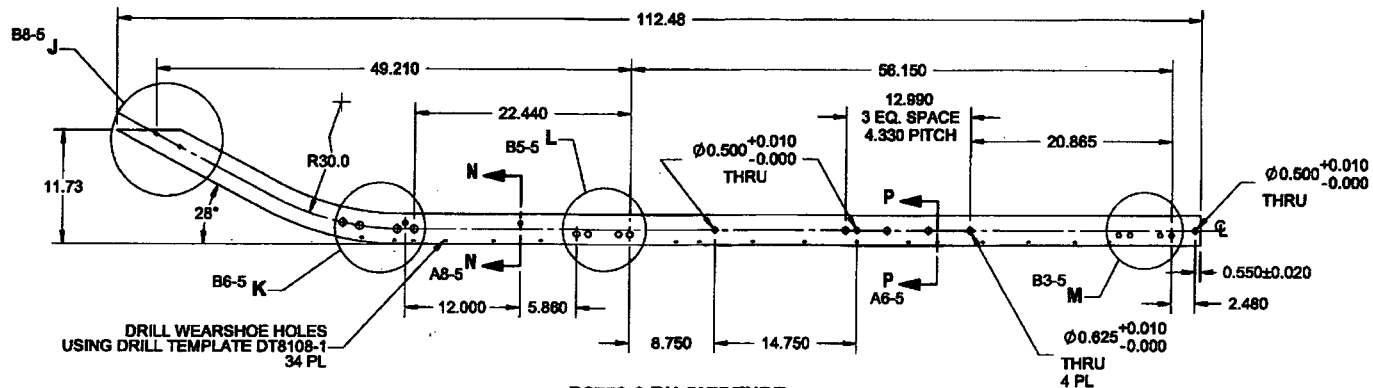


SECTION H-H
SCALE 3X, 4 PL

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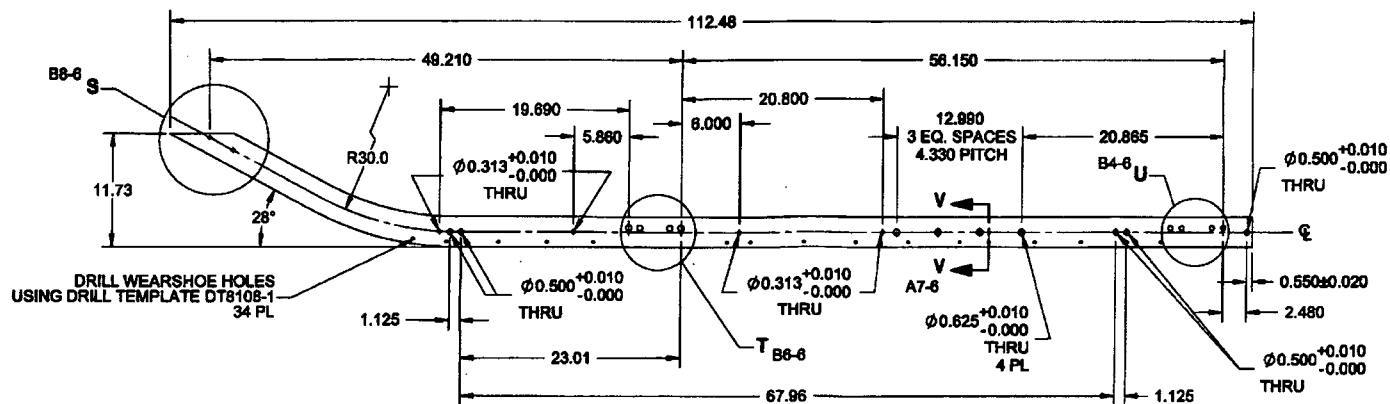


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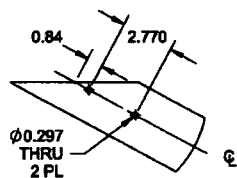
SECTION R-R
SCALE 3X, 4 PL

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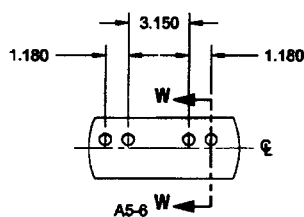
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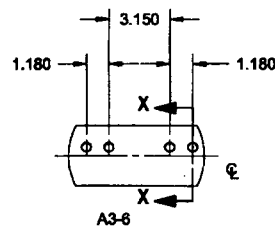
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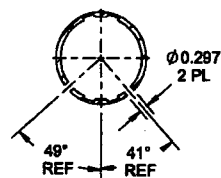
DETAIL S
SCALE 2X
D8-6



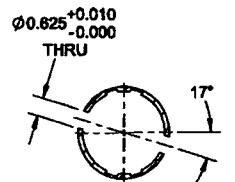
DETAIL T
SCALE 2X
C5-6
A5-6 W



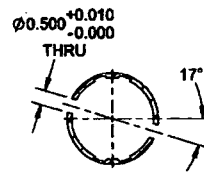
DETAIL U
SCALE 2X
D3-6
A3-6 X



SECTION V-V
SCALE 3X, 17 PL
C4-6








SECTION W-W
SCALE 3X, 4 PL
B6-6

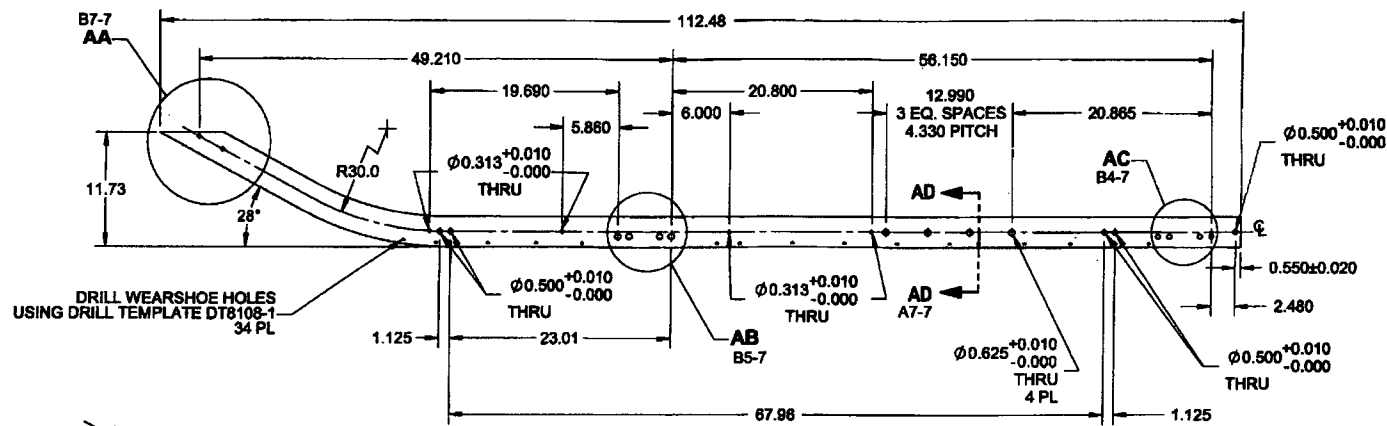


SECTION X-X
SCALE 3X, 4 PL
B4-6

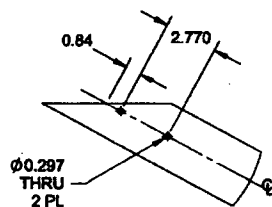
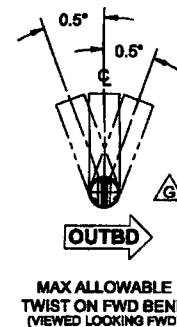
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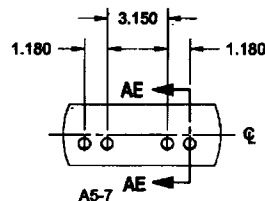
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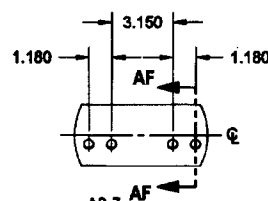
D2750-4 RH SKIDTUBE



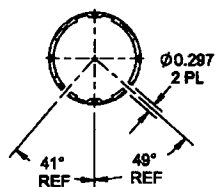
DETAIL AA
SCALE 2X



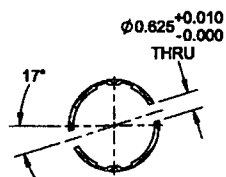
DETAIL AB
SCALE 2X



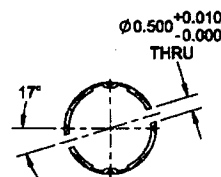
DETAIL AC
SCALE 2X



SECTION AD-AD
SCALE 3X, 17 PL



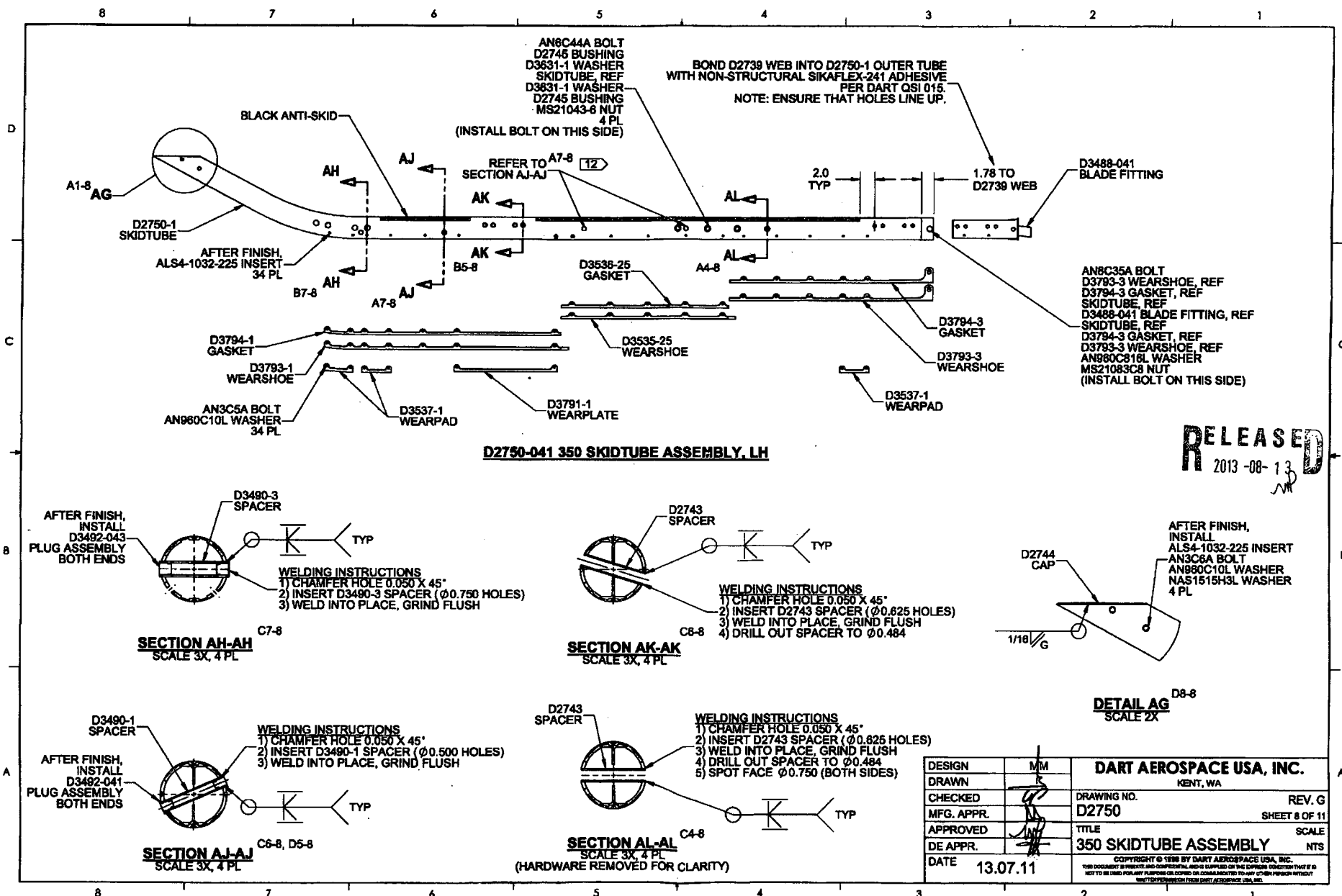
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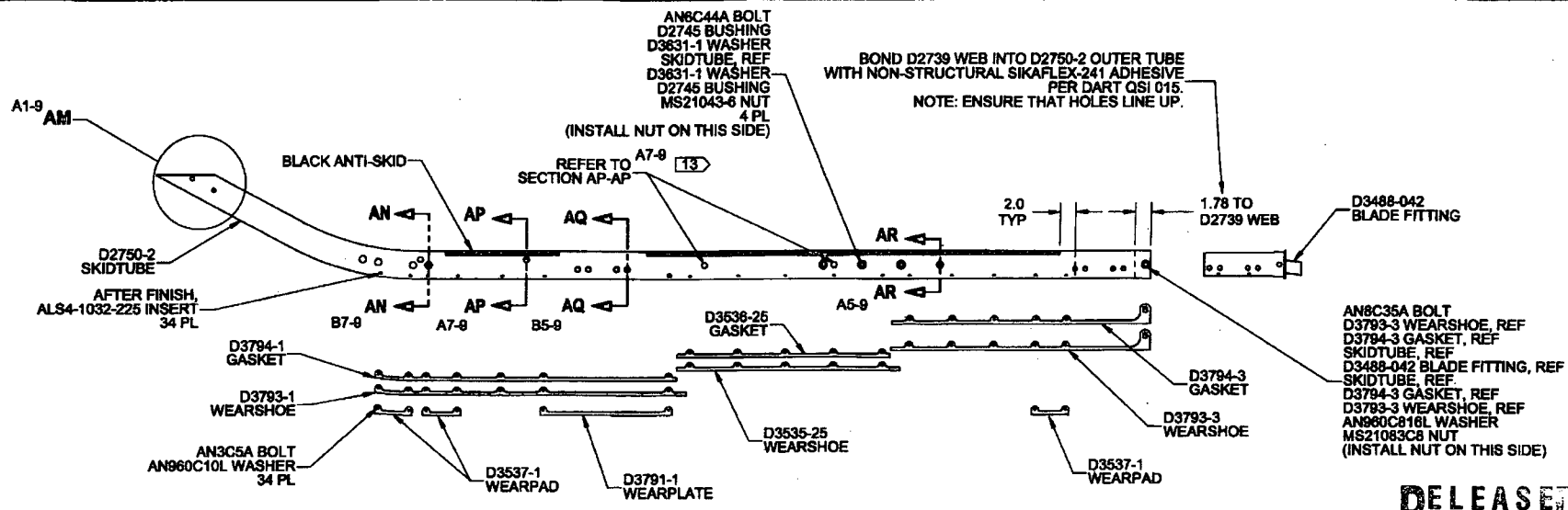
SECTION AF-AF
SCALE 3X, 4 PL

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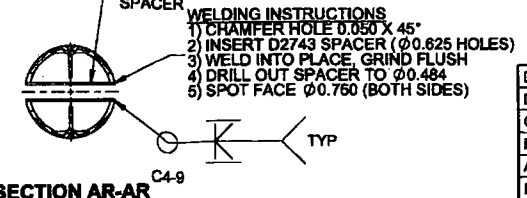
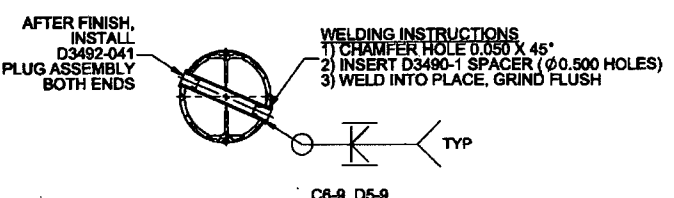
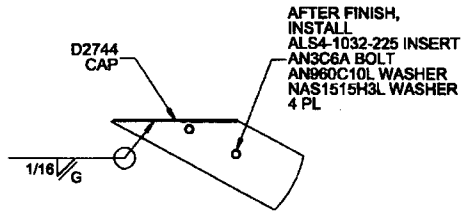
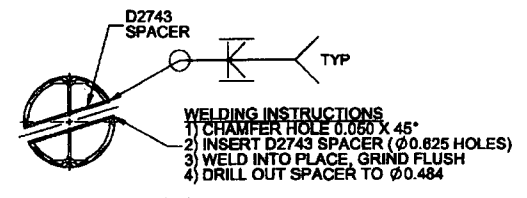
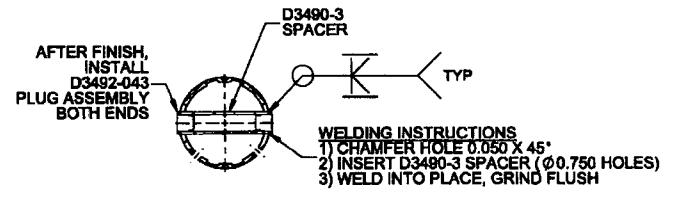


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D2750-042 350 SKIDTUBE ASSEMBLY, RH

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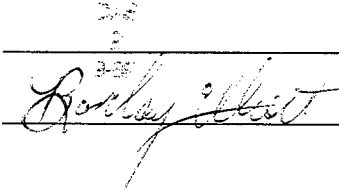
No. 337

**AWS D17.1/D17.1M:2010
SKIDTUBE WELDING TEST RECORD**

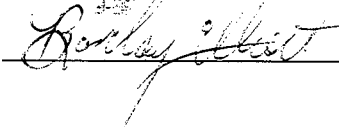
Name: Berkey Elliott
Job #: B110477
Part #: D350-636-012
Description: 350 skid tube
Welding Process: TIG ☒ MIG ☐
Base Material: Aluminum
Current: AC ☒ DC ☐

TEST REQUIREMENTS AND RESULTS

Visual:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Penetration:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Fusion:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Cracks:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Overlap (cold lap)	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Undercut:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Pin holes:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Porosity (surface):	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Coloration:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>
Burn through:	pass <input checked="" type="checkbox"/> fail <input type="checkbox"/>

Qualifier: 

Date of Test Coupon: 14-06-30

Welder: 

Date of Test Coupon: 14-06-30

The above named individual is qualified to weld in accordance with AWS D17.1/D17.1M:2010.